Filename=RealQuenchPetPage.doc 10/29/01

Procedure for bringing up the Real Quench Pet Page (qdRealQuench).

1. After a QLI has occurred wait a minimum of 5 minutes before checking the qdRealQuench pet page. If you find a real quench has occurred then check with Cryo before running the Quench Recovery Program. They will tell you how long to wait before trying to bring back up again.

2. Bring up the Pet Tree.

3. Click on RHIC.

4. Click on PostMortem.

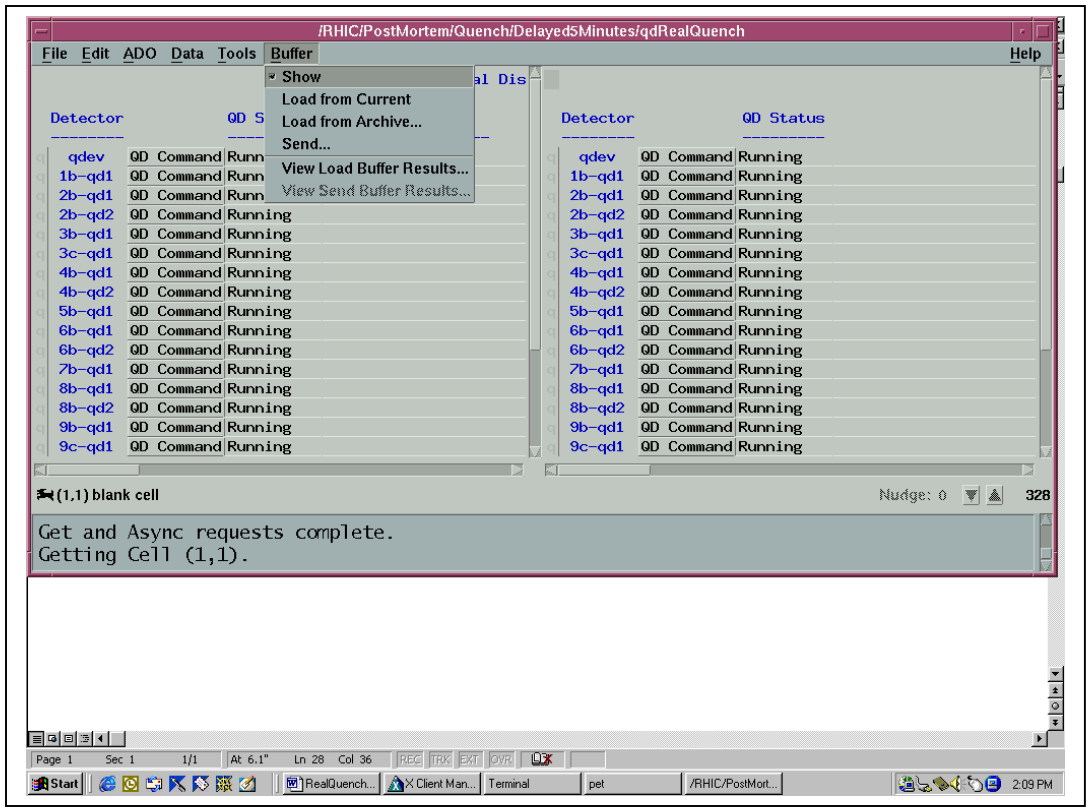
5. Click on Quench.

6. Click on Delayed5Minutes. You must wait at last 5 minutes after the QLI has occurred before bringing this page up.

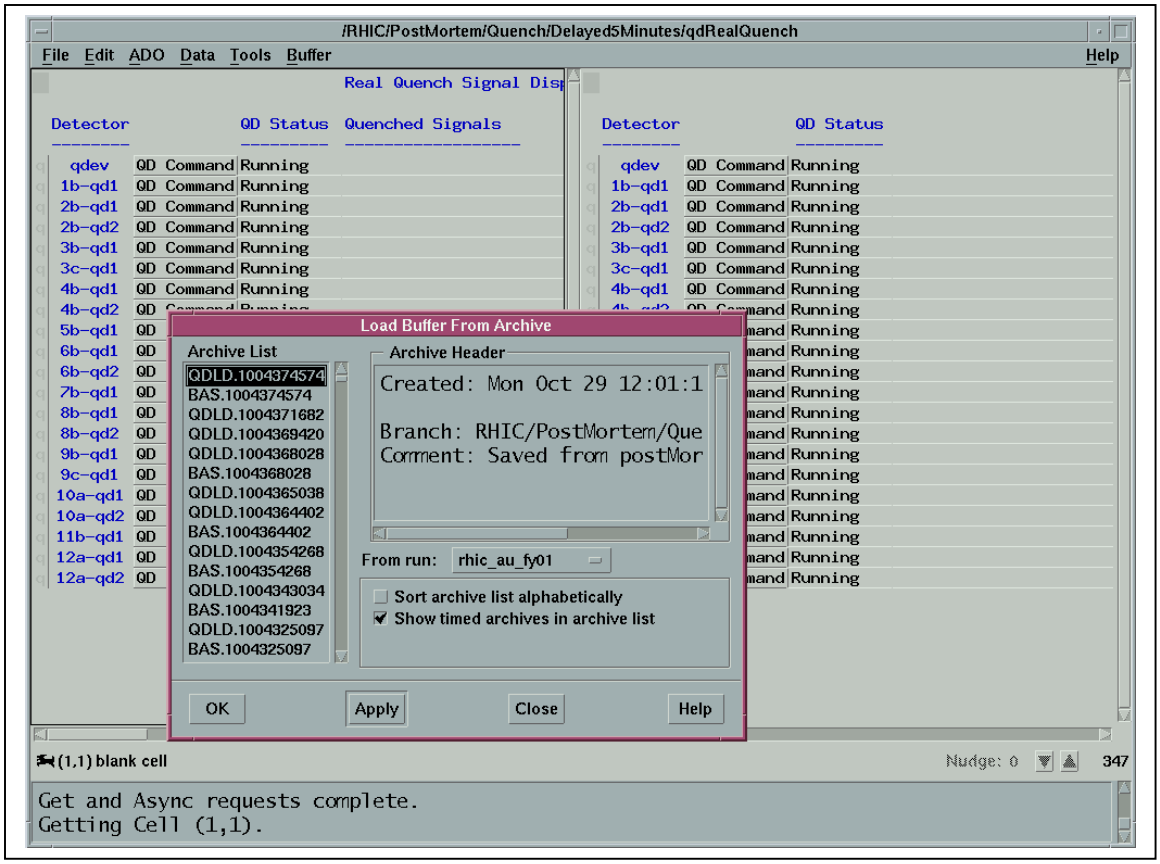
7. Click on qdRealQuench.

8. Next click on the word Buffer on the menu at the top. A menu will appear below the word Buffer. Select the word Show. You should now get a split window for the qdRealQuench pet page.

9. Now click on the word Buffer again. A menu will appear below the word Buffer. Select the word Load From Archive…



10. A box will pop up that will allow you to select the quench file you wish to look at. The top left of the box says Archive List and the window to the right says archive header. The archive list are the quench files you can select to check for real quenches. These files start out with the letters “QDLD”. When you click on the quench file name the window to the right called archive header will the display the date and time of when the quench occurred DELAYED BY 5 MINUTES. So you must know what time the QLI occurred and add 5 minutes to it. Then you find the file in the qdRealQuench page using this delayed 5 minute time you just calculated.



11. After you have selected the quench file you want to look at, click on Apply and the window to the right of the split window on the qdRealQuench pet page will show you what the real quenches are. If no signal names come up then a real quench did not occur. If one or more signal names come up then a real quench did occur. It should be noted in the log and cryo should be contacted to find out how long it will take to recover before you try to ramp the power supplies again.